

**Work Order ID 126936**

December-02-14 10:48:36 AM

*Rust!*  
**\*126936\***

Page 1

Item ID: D4735-1

Accept

**\*N900040100\***Setup Start **\*NS1\***

Revision ID:

Stop **\*NS2\***

Item Name: Scuff Plate

Start Date: 12/02/14 Start Qty: 20.00

**\*20\***

Cust Item ID:

Required Date: 12/12/14 Req'd Qty: 20.00

**\*20\***

Customer:

Reference:

Approvals:

Process Plan: *U*

Date: \_\_\_\_\_

Tooling: \_\_\_\_\_

Date: \_\_\_\_\_

Run Start **\*NR1\***

QC: \_\_\_\_\_

Date: \_\_\_\_\_

SPC (Y/N): \_\_\_\_\_

Date: \_\_\_\_\_

Stop **\*NR2\***Sequence ID/  
Work Center IDOperation  
DescriptionSet Up/  
Run Hours

Tool ID

Tool #

Plan  
CodeAccept  
QtyReject  
QtyReject  
NumberInsp.  
Stamp

Draw Nbr

Revision Nbr

D4735

A

100

0.00

**\*100\***

Purchasing

Memo

0.00

Purchasing

Issue P/O: *26691*

Make as per Dwg D4735

Possible Supplier: G.F.Y.

Material release note is required

*CY 14/12/2 20*

110

Receive &amp; Inspect for Damage &amp; Mat'l Certs

0.00

**\*110\***

Packaging

Memo

0.00

Packaging

*20x SP14-12-15*

120

QC6- Inspect dimensions to drawing

0.00

**\*120\***

QC

Memo

0.00

Quality Control

*(20)*DAS  
38  
9-89

DEC 17 2014

# Work Order ID 126936

**\*126936\***

Page 2

December-02-14 10:48:36 AM

Item ID: D4735-1 Accept **\*N900040100\*** Setup Start **\*NS1\***  
 Revision ID: Stop **\*NS2\***  
 Item Name: Scuff Plate  
 Start Date: 12/02/14 Start Qty: 20.00 **\*20\*** Cust Item ID:  
 Required Date: 12/12/14 Req'd Qty: 20.00 **\*20\*** Customer:  
 Reference:

Approvals: Process Plan: \_\_\_\_\_ Date: \_\_\_\_\_ Tooling: \_\_\_\_\_ Date: \_\_\_\_\_ Run Start **\*NR1\***  
 QC: \_\_\_\_\_ Date: \_\_\_\_\_ SPC (Y/N): \_\_\_\_\_ Date: \_\_\_\_\_ Stop **\*NR2\***

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
130	Identify as per dwg & Stock Location: <i>81200</i>	0.00							
<b>*130*</b>				<i>20</i>					
Packaging	Memo	0.00							
Packaging									
						DEC 17 2014		DAS 06 9-89	

140 QC21- Final Inspection - Work Order Release 0.00  
**\*140\***  
 QC Memo 0.00  
 Quality Control

*14/12/18*  
*[Signature]*

# Picklist Print

December-02-14 10:48:36 AM

Page 1

Work Order ID: 126936

\*126936\*

Parent Item: D4735-1

\*D4735-1\*

Parent Item Name: Scuff Plate

Start Date: 12/02/14

Required Date: 12/12/14

Start Qty: 20.00

Required Qty: 20.00

Comments: IPP REV:A 12.11.01 NEW ISSUE DD VERF:JLM

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
---------------------------------	------------------------	---------------	-------------	---------------------	------------------	-----------------	--------------------	----------------	-------------	--------------	---------------	----------------	--------

D4735-1P

Manufactured No

110

Each

0.0000

1

20

\*D4735-1P\*

\*\*

Scuff Plate

20x SP 12/12/15.

8 7 6 5 4 3 2 1

D

D

C

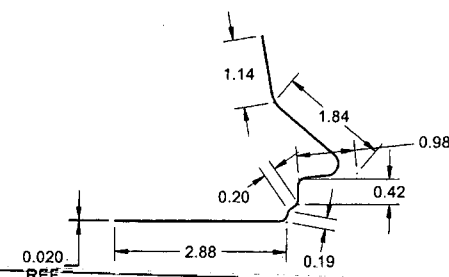
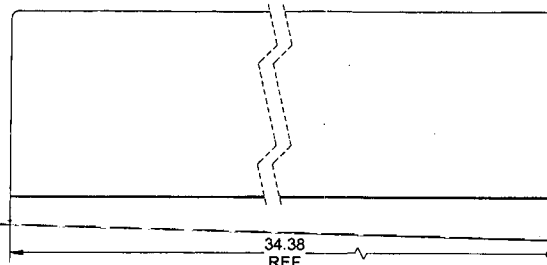
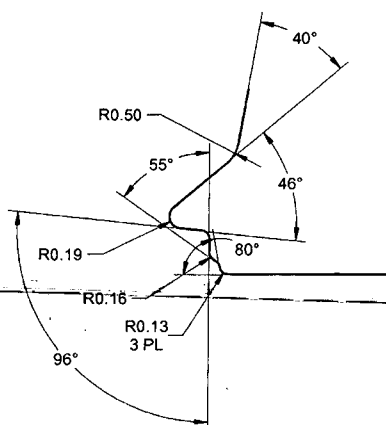
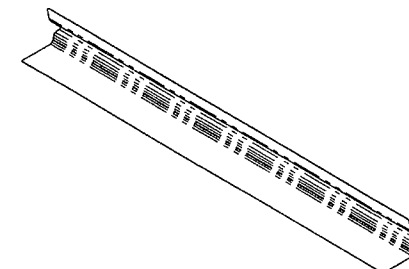
C

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A



# **D4735-1 SCUFF PLATE**

*W/O 126936*

**RELEASED**  
13.01.04  
ECW12-696

## **NOTES:**

- 1) MATERIAL: MAKE FROM D4735-1F FLAT PATTERN
- 2) FINISH: NONE
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
- 6) IDENTIFICATION: IDENTIFY PER QSI 044 6.1
- 7) WEIGHT: 1.40 lbs

REV.	DESCRIPTION	BY	DATE
A	NEW ISSUE	RF	12.11.01
DESIGN	RF	<b>DART AEROSPACE USA, INC.</b> KENT, WA	
DRAWN	RF		
CHECKED	<i>[Signature]</i>	DRAWING NO.	REV. A
MFG. APPR.	<i>[Signature]</i>	D4735	SHEET 1 OF 2
APPROVED	<i>[Signature]</i>	TITLE	SCALE
DE APPR.	<i>[Signature]</i>	SCUFF PLATE	NTS
DATE	12.11.01	<small>COPYRIGHT © 2012 BY DART AEROSPACE USA, INC. THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE USA, INC.</small>	

8 7 6 5 4 3 2 1

8 7 6 5 4 3 2 1

D

D

C

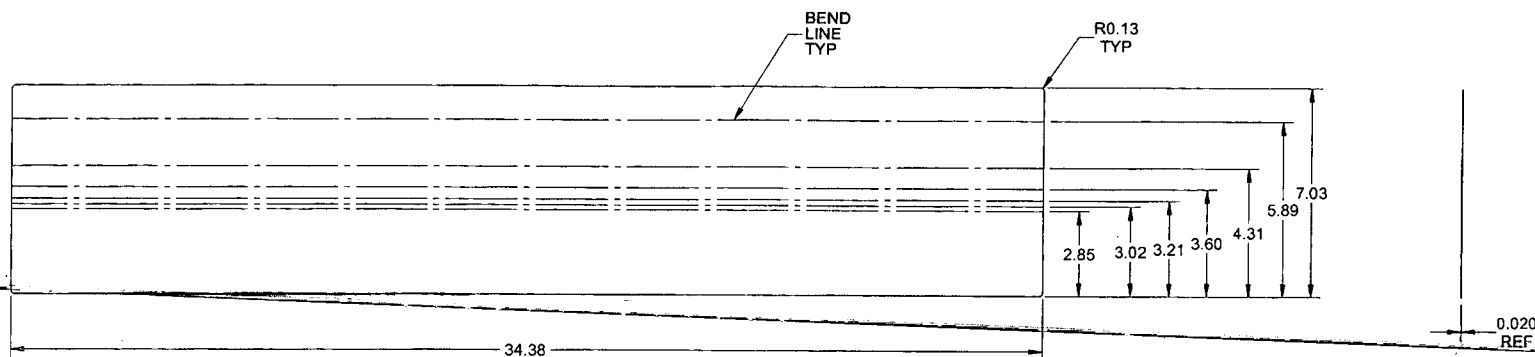
C

B

B

A

A



# **D4735-1F FLAT PATTERN SCUFF PLATE**

**RELEASED**  
13.01.04  
EON12-696

## **NOTES:**

- 1) MATERIAL: AISI 304/316 STAINLESS STEEL ANNEALED 2B FINISH 0.020 (25 GAUGE) SHEET  
PER MIL-S-5059  
OR AMS 5513 (304)  
OR AMS 5524 (316)  
OR ASTM A240  
OR ASME SA240  
PER DART SPEC. M304S25GA
- 2) FINISH: NONE
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
- 6) IDENTIFICATION: N/A
- 7) WEIGHT: 1.40 lbs

DESIGN	RF	<b>DART AEROSPACE USA, INC.</b>	
DRAWN	RF	KENT, WA	
CHECKED	<i>[Signature]</i>	DRAWING NO.	REV. A
MFG. APPR.	<i>[Signature]</i>	<b>D4735</b>	SHEET 2 OF 2
APPROVED	<i>[Signature]</i>	TITLE	SCALE
DE APPR.	<i>[Signature]</i>	<b>SCUFF PLATE</b>	NTS
DATE	12.11.01	<small>COPYRIGHT © 2012 BY DART AEROSPACE USA, INC. THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE USA, INC.</small>	

8 7 6 5 4 3 2 1



Dart Aerospace Ltd.  
1270 Aberdeen Street  
Hawkesbury, ON K6A 1K7  
Tel: 613 632 9577  
Fax: 613 632 1053

## PURCHASE ORDER

Purchase Order ID PO26691

Purchase Order Date 12/2/2014

PO Print Date 12/2/2014

Page Number 1 of 2

Order From :

VC-GFI001

GFI  
180 AVENUE LABROSSE  
POINTE CLAIRE, QC H9R 1A1  
CA

Ship To : DART AEROSPACE LTD

1270 ABERDEEN  
HAWKESBURY, ON K6A 1K7  
CANADA

**FAKED**

Contact Name

Vendor Phone 514 630 4877

Ship To Contact

Ship To Phone

Ship Via: FedEx Overnight collect

Ship Acct:

Buyer

Chantal Lavoie

Customer POID

Customer Tax # 10127-2607

Terms Net 30

Currency CAD

FOB FCA - (Free Carrier)

Line Nbr	Reference Vendor Part Number Line Comments Delivery Comments	Description/ Mfg ID	Req Date/ Taxable Promise Date	CD	Req Qty/ Unit of Measure	PO Unit Price	Extend Pri
1	D4735-1P  AS PER DWG D4735 REV. A B126936	Scuff Plate	12/15/2014 Yes 12/15/2014		20.00 ✓ Each	\$110.00	\$2,200.00
						<b>Line Total:</b>	<b>\$2,200.00</b>
3	71401-45  PROCUREMENT QUALITY CLAUSES A005 RIGHT OF ENTRY A008 FIRST ARTICLE INSPECTION (FAI) BY SELLER, (DOCUMENTATION SENT TO DART AEROSPACE) A012 CHEMICAL AND PHYSICAL TEST REPORTS A016 PERSONNEL QUALIFICATION A017 RAW MATERIAL IDENTIFICATION (AS APPLICABLE) A026 CERTIFICATION OF MATERIAL CONFORMANCE A041 QUALITY MANAGEMENT SYSTEM A042 DART NOTIFICATION BY SUPPLIER A043 RETENTION OF QUALITY DOCUMENT	PROCUREMENT QUALITY CLAUSES	12/15/2014 No 12/15/2014		1.00	\$0.00	\$0.00

Note:

12/2/2014



180 AVENUE LABROSSE  
POINTE-CLAIRE, QC, CANADA H9R 1A1  
TÉL.:(514) 630-4877 - FAX:(514) 630-4849

GFI est une division de Thomas & Betts Limitée / GFI is a division of Thomas & Betts Limited

VENDU À /SOLD TO

DART AEROSPACE LTD  
1270 ABERDEEN ST.  
HAWKESBURY, ON  
K6A 1K7



# BON DE LIVRAISON /SHIPPING MEMO

DATE DE LIVRAISON / SHIPPING DATE			N° DE BON DE LIVRAISON / SHIPPING MEMO NO.		PA
JR - BY	MO - MO	AN - VR			
12	12	14	0550709		1



EXPÉDIÉ À /SHIP TO

DART AEROSPACE LTD  
1270 ABERDEEN ST.  
HAWKESBURY, ON  
K6A 1K7

CODE DE CLIENT /CUSTOMER CODE	N° DE CONTRAT /JOB NO	POUR N° DE COMMANDE /PURCHASE ORDER NO	EXPÉDIÉ PAR /SHIP VIA
DART	GFI-0299	0295928	PO26691

QUANTITÉ /QUANTITY	N° DE PIÈCE /PART NO	DESCRIPTION
--------------------	----------------------	-------------

20 D4735-1P ✓

SCUFF PLATE

ITEM 1  
C OF C REQ'D

SP14-12-15

MFG. JOB# 0295928-001 QTY 20 pcs

DUE DATE: 15 December 2014



12 Dec 2014

EXPÉDIÉ PAR /SHIPPER

REÇU PAR /RECEIVED BY

DATE

TOUTES LES RÉCLAMATIONS DOIVENT ÊTRE FAITES EN DEDANS DE 5 JOURS DE LA RÉCEP  
ALL CLAIMS MUST BE MADE WITHIN 5 DAYS OF RECEIPT OF GOODS.

**CERTIFICATE OF COMPLIANCE  
CERTIFICAT DE CONFORMITE**



Membre de / A Member of **Thomas&Betts**

180 LABROSSE AVENUE  
POINTE CLAIRE, QC  
H9R 1A1

**DART AEROSPACE LTD**  
1270 ABERDEEN ST.  
HAWKESBURY, ON K6A 1K7

CERTIFICATE NO. 5 OUR JOB NO 0295928 SHIPPING MEMO 0550709

ITEM	QUANTITY	PURCHASE ORDER	PART NUMBER	REV	NAME	DWG ISSUE
-	20 PCS	PO26691	D4735-1P	A	SCUFF PLATE	A

MATERIAL  
AMS 5513 304

SUPPLIED BY  
TW METALS/ ALLEGHENY LUDLUM

MAT. REL. NO.  
H/N D1R0 AND 980696

	PROCESS	PROCESSOR	RELEASE NOTE #
1	FIRST ARTICLE INSPECTION REPORT ATTACHED	GFI	N/A
2	REF. GFI MANUFACTURING JOB NUMBER 0295928-001 (20 PCS)	GFI	
3			
4			
5			
6			
7			
8			
9			

WE HEREBY CERTIFY ALL THE PARTS COVERED BY THIS CERTIFICATE HAVE BEEN MANUFACTURED FROM MATERIAL SUPPLIED ON RELEASE NOTE SHOWN ABOVE AND THAT ALL PARTS HAVE BEEN INDIVIDUALLY INSPECTED AND CONFORM TO THE DRAWINGS AND PURCHASE ORDER REFERENCED ABOVE.

DATE 12 DECEMBER 2014

G.F.I. Q.C. REP. Ben Lema





CERTIFICATIONSFRAUD AND FALSIFICATION STATEMENT

The recording of false, fictitious or fraudulent statements or entries on this document may be punished as a felony under statutes including federal law. Title 18 chapter 47.

CERTIFICATE OF COMPLIANCE

This certificate of compliance certifies that the material supplied on the purchase order number below complies in all respects with the material description and procurement specifications.

MERCURY FREE STATEMENT

TW Metals certifies that the supplies furnished under this contract contain no metallic mercury or mercury compounds, and have not come in contact with mercury or alpha bearing instruments while in the possession of TW Metals Inc.

Customer Name:

GFI Inc

Purchase Order No.:

0082270

Item number:

0001

Shipper/Invoice No.:

70506239

Material:

SS Sheet

Manufacturing Mill:

United Performance

Specification:

Ams 5513

Heat / Lot No.

980696

Size:

.020

Quantity:

2ps

Signature:

Janice Clark

Date:

5/2/13

NOTICE OF SHIPMENT/  
PACKING LIST

## CERTIFICATE OF TEST

CUST. ORD. NO. & DATE 01021999 01/25/13 CUST. CODE 110977 ACCEPTING MILL VANDERGRIFT, PA. SHIPPER NO. 571284 PRODUCT CODE 13020102060000 MILL ORDER NUMBER 30-013-666 DATE SHIPPED 03/07/13

FORMS DISTRIBUTION SOLD TO UNITED PERFORMANCE METALS INC 3475 SYMMES ROAD HAMILTON OH 45015

REPEAT ORDER 82037-4 DO RATE 26 PR. ORITY PRIME SEC. DSO DSO

SHIP TO UNITED PERFORMANCE METALS 3475 SYMMES ROAD HAMILTON OH 45015

GOVT CONTRACT 1124 VANDERGRIFT PA 664419

SOLD TO 1 SHIP TO 1 SPEC TO 1

## GRADE AND SPECIFICATIONS

CARRIER - GROSS, RONALD, INC.

"ATI 304L" STAINLESS STEEL SHEET C R COILS ANNEALED 2B FIN 3 EDGE (UPM 304L/304/302 LCS) (AMS 2248G) (AMS 5511H) (AMS 5513J) (AMS 5516P) (ASTM-A-262-10 PRA E/SCREEN PRA A) (ASTM-A-666-10) (S-400 DTD 10/10/2011) (ASTM-A-240-12A) (S-1000 DATED 11/01/2012) (ASME-SA-240 ED 2010) (10/11/10 EXCEPT UPM 304L/304/302) (UNS S30403) (UNS S30200) (UNS S30400) (UPM-QRS-001) (EN 10028-7:2007-1.4301-2B) (EN 10028-7:2007-1.4307-2B) (PWA 300 REV BK) (F-14, F-17, F-22, F-23, F-MASTER) (CONTROLLED TO PWA LCS REQUIREMENTS)

ITEM	PCS	DIMENSIONS W/G/L	HEAT #	COIL #	TEST #	GROSS	TARE	NET	THEO	TAG #/	CD	SKID #
001	1	48./020/5862.	980696	02153N814	8802866	19750	50	19700		223702		
C CUST IDENTITY 00711												
1 SKID												
						19750	50	19700				

TYPE HEAT/TEST	--C--	--MN--	--P--	--S--	--SI--	--CR--	--NI--	--MO--	--CU--	--N--
HEAT 980696	.018	1.81	.032	.0003	.38	18.15	8.03	.35	.48	.07
TEST LOCATION	MI	MI	MI	MI	MI	MI	MI	MI	MI	MI
CHECK 8802842	.021	1.83	.032	.0005	.38	18.18	8.03	.35	.48	.07
TEST LOCATION	TC	TC	TC	TC	TC	TC	TC	TC	TC	TC

ITEM TEST NO	YIELD PSI *	TENSILE PSI	% ELONG IN 2"	% R/A	HARDNESS	BEND	A 262 PR E	SIZE	HARDENABILITY
001 8802866	T 45300.	100000	71.		84.HR15TW	T PASS	PASS	10.	
TEST LOCATION	TC	TC	TC		TC	TC	TC	TC	
* Y.S. BY 0.2% OFFSET METHOD									
ITEM TEST NO	CORROSION MELT	T-YIELD	P&W E-25						
001 8802866	ISO 3651-2 SOURCE	1%	TRAN BEND						
TEST LOCATION	PASS	1.	50500.	2.					
TEST LOCATION	TC	TC	TC						

PAGE 01 - CONTINUED ON PAGE 02

03/07/13 10:37:43

CONSIGNEE - Please Note - This consignment was turned over to carrier in first class condition, being correctly loaded, at which time our responsibility for loss or damage in shipment ceased. For your protection please examine shipment as it arrives. If any shortage or damage is discovered, have a full description made by transportation agent on waybill before signing.

Material Safety Data Sheets for this product have been supplied to your Purchasing Department. For an additional copy phone 724-226-5980. CAUTION: Processing that makes fumes, dust, or solutions may cause lung disease. See Material Safety Data Sheets for further information.

## WARNING

Les fiches d'information-sécurité de ce produit ont été fournies à votre département chargé des achats. Pour obtenir des exemplaires supplémentaires veuillez téléphoner au numéro suivant 724-226-5980. Attention: les traitements entraînant la production de vapeurs, poussières, ou solutions peuvent, être cause de maladies pulmonaires. Pour plus de renseignements se référer aux fiches d'information-sécurité.

The above is a true copy of data on file. The material and test results conform to the sales contract and specification(s) as set forth in Allegheny Ludlum's Order Acknowledgement.

Stephen Wolf  
Director, Corporate Quality Assurance

UNITED PERFORMANCE METALS

This is to certify that in accordance with the records in our files the material shipped on your purchase order conforms to the following:

Size: 48 X 120  
P.O.: M49293606  
Part#: 50867 ALLEGHENY  
Sales #: 01206511  
Quantity: 30

Description: 304/304L ANN .019-.021 AMS5513

Customer: TW Metals

Shipped: 04/09/2013

Heat: 980696

Authorized Signature

Lynne Harper

NOTICE OF SHIPMENT/  
PACKING LIST



CERTIFICATE OF TEST

AL 6168-4 1211

CUST. ORD. NO. & DATE	CUST. CODE	ACCEPTING MILL	SHIPPER NO.	PRODUCT CODE	MILL ORDER NUMBER	DATE SHIPPED
01021999	01/25/13 110977	VANDERGRIFT, PA.	571284	13020102060000	30-013-666	03/07/13
FORMS DISTRIBUTION	REPEAT ORDER	DO RATE	PRI. ORITY	MATL.	SHIPPING LOCATION	INVOICE
SOLD TO → 1 SHIP TO →	82037-4	26		1124 VANDERGRIFT	PA	664419
SOLD TO		PRIME SEC.	SHIP TO			
UNITED PERFORMANCE METALS INC		DSO DSO	UNITED PERFORMANCE METALS			
3475 SYMMES ROAD		516	3475 SYMMES ROAD			
HAMILTON OH 45015			HAMILTON OH 45015			

GRADE AND SPECIFICATIONS

CARRIER - GROSS, RONALD, INC.

"ATI 304L" STAINLESS STEEL SHEET C R COILS ANNEALED 2B FIN 3 EDGE (UPM 304L/304/302 LCS) (AMS 2248G) (AMS 5511H) (AMS 5513J) (AMS 5516P) (ASTM-A-262-10 PRA-E/SCREEN PRA-A) (ASTM-A-666-10) (S-400 DTD 10/10/2011) (ASTM-A-240-12A) (S-1000 DATED 11/01/2012) (ASME-SA-240 ED 2010) (10/11/10 EXCEPT UPM 304L/304/302) (UNS S30403) (UNS S30200) (UNS S30400) (UPM-QRS-001) (EN 10028-7:2007-1.4301-2B) (EN 10028-7:2007-1.4307-2B) (PWA 300 REV BK) (F-14, F-17, F-22, F-23, F-MASTER) (CONTROLLED TO PWA LCS REQUIRMENTS)

METALLOGRAPHIC MAGNIFICATION: 100X ETCHANT USED: OXALIC ACID

GRADE VERIFICATION WAS CARRIED OUT SPECTROSCOPICALLY

~~FLAT NON-WELDED TEST PIECE WAS USED FOR ISO 3651-2 INTERGRANULAR CORROSION TEST. T1 SENSITIZATION HEAT TREATMENT WAS PERFORMED ON LOW CARBON AND STABILIZED GRADES.~~

DIN EN 10204:2005 - 3.1 ATI ALLEGHENY LUDLUM IS APPROVED AS A MANUFACTURER ACCORDING TO THE PRESSURE EQUIPMENT DIRECTIVE PED 97/23/EC.

MATERIAL WAS SOLUTION ANNEALED AT 1900F (1038C) MINIMUM FOR A TIME COMMENSURATE WITH THICKNESS AND RAPIDLY COOLED WITH AIR AND WATER.

ATI ALLEGHENY LUDLUM DOES NOT USE MERCURY IN THE TESTING OR PRODUCTION OF ITS PRODUCTS.

NO WELDS/WELD REPAIRS PERFORMED.

WESTMORELAND MECHANICAL TESTING & RESEARCH, YOUNGSTOWN, PA (T7869) IS A GEAE S400 AND ISO/IEC 17025 APPROVED FACILITY.

PAGE 02 - CONTINUED ON PAGE 03

03/07/13 10:37:43

CONSIGNEE-Please Note-This consignment was turned over to carrier in first class condition, being correctly loaded, at which time our responsibility for loss or damage in shipment ceased. For your protection please examine shipment as it arrives. If any shortage or damage is discovered, have a full description made by transportation agent on waybill before signing.

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WARNING: Les fiches d'information-sécurité de ce produit ont été fournies à votre département chargé des achats. Pour obtenir des exemplaires supplémentaires veuillez téléphoner au numéro suivant 724-226-5980. Attention les traitements entraînant la production de vapeurs, poussières, ou solutions peuvent être cause de maladies pulmonaires. Pour plus de renseignements se référer aux fiches d'information-sécurité.

The above is a true copy of data on file. The material and test results conform to the sales contract and specification(s) as set forth in Allegheny Ludlum's Order Acknowledgement.

Stephen Wolf  
Director, Corporate Quality Assurance

UNITED PERFORMANCE METALS

This is to certify that in accordance with the records in our files the material shipped on your purchase order conforms to the following:

Size: 48 X 120

P.O.: M49293606

Part#: 50867 ALLEGHENY

Sales #: 01206511

Quantity: 30

Description: 304/304L ANN .019-.021 AMS5513

Customer: TW Metals

Shipped: 04/08/2013

Heat: 980596

Authorized Signature

Lynne Harper

NOTICE OF SHIPMENT/  
PACKING LIST



CERTIFICATE OF TEST

AL 6168-4 1211

CUST. ORD. NO. & DATE		CUST. CODE		ACCEPTING MILL		SHIPPER NO.		PRODUCT CODE		MILL ORDER NUMBER		DATE SHIPPED	
01021999		01/25/13		110977		VANDERGRIFF, PA.		571284		13020102060000		30-013-666	
FORMS DISTRIBUTION		SOLD TO		PRIME SEC.		SHIP TO		MILL		SHIPPING LOCATION		INVOICE	
1		UNITED PERFORMANCE METALS INC		DSO DSO		UNITED PERFORMANCE METALS		1124 VANDERGRIFF		PA		664419	
3475 SYMMES ROAD		HAMILTON OH 45015		516		3475 SYMMES ROAD		HAMILTON OH 45015					

GRADE AND SPECIFICATIONS

"ATI 304L" STAINLESS STEEL SHEET C R COILS ANNEALED 2B FIN 3 EDGE (UPM 304L/304/302 LCS) (AMS 2248G) (AMS 5511H) (AMS 5513J) (AMS 5516P) (ASTM-A-262-10 PRA E/SCREEN PRA-A) (ASTM-A-666-10) (S-400 DTD 10/10/2011) (ASTM-A-240-12A) (S-1000 DATED 11/01/2012) (ASME-SA-240 ED 2010) (10/11/10 EXCEPT UPM 304L/304/302) (UNS S30403) (UNS S30200) (UNS S30400) (UPM-QRS-001) (EN 10028-7:2007-1.4301-2B) (EN 10028-7:2007-1.4307-2B) (PWA 300 REV BK) (F-14, F-17, F-22, F-23, F-MASTER) (CONTROLLED TO PWA LCS REQUIREMENTS)

CARRIER - GROSS, RONALD, INC.

THIS DIN EN 10204:2005 - 3.1 CERTIFICATE OF TEST SHALL NOT BE REPRODUCED EXCEPT IN FULL. FEDERAL LAW PROHIBITS THE RECORDING OF FALSE, FICTITIOUS, OR FRAUDULENT STATEMENTS OR ENTRIES ON THE CERTIFICATE AND MAY BE PUNISHABLE AS A FELONY UNDER FEDERAL LAW. ATI AL HOLDS SEVERAL QUALITY CERTIFICATIONS THAT INCLUDE ISO-9001, AS9100, NADCAP, AND ISO/IEC 17025. MATERIAL WAS MANUFACTURED IN ACCORDANCE WITH THE ATI AL QUALITY MANUAL REVISION-21 DATED 11/12/2012.

ATI ALLEGHENY LUDLUM WORKS TO THE ROLLS ROYCE SABRE QUALITY MANAGEMENT SYSTEM.

QUALITY SYSTEM CERTIFIED ACCORDING TO PRESSURE EQUIPMENT DIRECTIVE 97/23/EC, ANNEX I, 4.3 BY TUV SUD, INDUSTRIE SERVICE GMBH, (NOTIFIED BODY 0036).

ATI ALLEGHENY LUDLUM PERFORMS CHEMICAL ANALYSIS BY THE FOLLOWING TECHNIQUES:

C, S BY COMBUSTION/INFRARED  
N, O, H BY INERT FUSION/THERMAL CONDUCTIVITY  
MN, P, SI, CR, NI, MO, CU, CB, CO, V BY WDXRF  
B BY OES  
AL AND TI (>=0.10%) BY WDXRF, OTHERWISE BY OES  
PB, BI, AG BY GFAA

MATERIAL TESTED AT ATI ALLEGHENY LUDLUM GEAE S400 APPROVED FACILITIES (T1225 & T9317): NATRONA HEIGHTS, PA TECHNICAL CENTER; BRACKENRIDGE, PA AND NEW BEDFORD, MA.

TEST REPORTS  
ACCEPTED BY

APR 12 2013

TW METALS

PAGE 03 - CONTINUED ON PAGE 04

03/07/13 10:37:43

CONSIGNEE. Please Note-This consignment was turned over to carrier in first class condition, being correctly loaded, at which time our responsibility for loss or damage in shipment ceased. For your protection please examine shipment as it arrives. If any shortage or damage is discovered, have a full description made by transportation agent on waybill before signing

Material Safety Data Sheets for this product have been supplied to your Purchasing Department. For an additional copy phone 724-226-5980. CAUTION: Processing that makes fumes, dust, or solutions may cause lung disease. See Material Safety Data Sheets for further information

WARNING

Les fiches d'information-sécurité de ce produit ont été fournies à votre département chargé des achats. Pour obtenir des exemplaires supplémentaires veuillez téléphoner au numéro suivant 724-226-5980. Attention: les traitements entraînant la production de vapeurs, poussières, ou solutions peuvent être cause de maladies pulmonaires. Pour plus de renseignements se référer aux fiches d'information-sécurité.

The above is a true copy of data on file. The material and test results conform to the sales contract and specification(s) as set forth in Allegheny Ludlum's Order Acknowledgement.

Stephen Wolf  
Director, Corporate Quality Assurance

UNITED PERFORMANCE METALS  
This is to certify that in accordance with the records in our files the material shipped on your purchase order conforms to the following.

Size: 48 X 120  
P.O.: M49293606  
Part#: 50067 ALLEGHENY  
Sales #: 01206511  
Quantity: 30

Description: 304/304L ANN. 019-021 AMS5513  
Customer: TW Metals  
Shipped: 04/08/2013  
Heat: 9806F6

Authorized Signature

Lynne Harper

NOTICE OF SHIPMENT/  
PACKING LIST



CERTIFICATE OF TEST

AL 6168-4 1211

CUST. ORD NO & DATE 01021999		CUST. CODE 110977		ACCEPTING MILL VANDERGRIFT, PA.		SHIPPER NO 571284		PRODUCT CODE 13020102060000		MILL ORDER NUMBER 30-013-666		DATE SHIPPED 03/07/13	
FORMS DISTRIBUTION SOLD TO UNITED PERFORMANCE METALS INC 3475 SYMMES ROAD HAMILTON OH 45015		REPEAT ORDER 82037-4		DO RATE 26		GOVT CONTRACT		MATERIAL 1124 VANDERGRIFT		SHIPPING LOCATION PA		INVOICE 664419	

GRADE AND SPECIFICATIONS

CARRIER - GROSS, RONALD, INC.

"ATI 304L" STAINLESS STEEL SHEET C R COILS ANNEALED 2B FIN 3 EDGE (UPM 304L/304/302 LCS) (AMS 2248G) (AMS 5511H) (AMS-5513J) (AMS-5516P) (ASTM-A-262-10-PRA-E/SCREEN-PRA-A) (ASTM-A-666-10) (S-400 DTD 10/10/2011) (ASTM-A-240-12A) (S-1000 DATED 11/01/2012) (ASME-SA-240 ED 2010) (10/11/10 EXCEPT UPM 304L/304/302) (UNS S30403) (UNS S30200) (UNS S30400) (UPM-QRS-001) (EN 10028-7:2007-1.4301-2B) (EN 10028-7:2007-1.4307-2B) (PWA 300 REV BK) (F-14, F-17, F-22, F-23, F-MASTER) (CONTROLLED TO PWA LCS REQUIREMENTS)

ATI ALLEGHENY LUDLUM HOLDS SEVERAL QUALITY AND LABORATORY CERTIFICATIONS THAT INCLUDE ISO-9001, AS9100, AD 2000-MERKBLATT WO, EU PRESSURE EQUIPMENT DIRECTIVE 97/23/EC, NADCAP, ISO/EIC 17025, GEAE S400, GEAE S-1000. REFER TO WWW.ALLEGHENYLUDLUM.COM TO ACCESS THE CURRENT ATI AL QUALITY CERTIFICATIONS.

THE NUMERIC CODES SHOWN UNDER MELT SOURCE CAN BE INTERPRETED AS FOLLOWS:

1. - MATERIAL MELTED, ROLLED AND TESTED IN THE UNITED STATES.
2. - FOREIGN MELT; ROLLED AND TESTED IN THE UNITED STATES.

TESTING WAS PERFORMED AT THE FOLLOWING LOCATIONS:

MI = ATI-ALLEGHENY LUDLUM; 950 TENTH STREET; MIDLAND, PA 15059

TC = ATI-ALLEGHENY LUDLUM; 1300 PACIFIC AVENUE; NATRONA HEIGHTS, PA 15065

TEST REPORTS  
ACCEPTED BY

APR 12 2013

TW METALS

REVIEWED/APPROVED BY UPM QC

SPECS: AMS 5511H, 5513J, 5516P  
ASTM-A-240-12  
PS DATE 3-8-13 TOTAL PAGES 4

PAGE 04 - FINAL PAGE.

ISSUED BY ATI ALLEGHENY LUDLUM 3/7/13 12:30  
SUZANNE FITZGERALD/TECHNICAL SERVICES

03/07/13 10:37:43

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Stephen Wolff  
Director, Corporate Quality Assurance

UNITED PERFORMANCE METALS

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Size: 48 X 120  
P.O.: M49293606  
Part#: 50867 ALLEGHENY  
Sales #: 01206511  
Quantity: 30

Description: 304/304L ANN 019-021 AMSS513  
Customer: TW Metals  
Shipped: 04/08/2013  
Heat: 980596

Authorized Signature  
Lynne Harper